

Air Conditioning Apparatus With Blower And Electric Heater In Common Housing

Abstract

Air conditioning apparatus is provided in which an air blower and an electric
5 heater assembly are located in a common housing with the heater assembly projecting
into the housing from a wall thereof in transverse relationship to the blower. This
configuration eliminates the need for a dedicated space for the electric heater
downstream of the blower housing, which reduces the size of the apparatus. The wall
of the housing includes an opening through which the heater assembly is insertable
10 into the housing. The heater assembly includes a mounting plate to close off the wall
opening and to removably mount the heater assembly with the housing. The heater
assembly preferably further includes an open coil electric heater, with a major
dimension of the heater being oriented generally parallel to the direction of air flow
in the blower housing.

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